

LISTING OF CLAIMS:

- 1.(Previously presented) An actuation system for a plurality of electrically actuated devices, comprising a pulsed light source of variable pulse frequency directed to a plurality of actuation gateways; each gateway being adapted to supply an actuation voltage above a threshold value to an associated device when illuminated by light pulsed at a trigger frequency for that device; each said gateway comprising photovoltaic converter means for converting pulsed incident light to a pulsed electric current of corresponding frequency; and each said gateway comprising frequency-sensitive transformer means for transforming the voltage of the pulsed current to a higher voltage above the threshold value for the associated device when the current frequency is at a trigger frequency.
- 2.(Previously presented) A system according to claim 1 wherein the transformer means comprises a ferroelectric transformer and the trigger frequency is a resonant frequency of that transformer.
- 3.(Amended herein) A system according to claim 1 ~~or claim 2~~ wherein the output voltage of the photovoltaic converter means is 3 to 5 volts.
- 4.(Amended herein) A system according to claim 1, ~~claim 2 or claim 3~~ wherein the higher voltage is 600 to 800 volts.
- 5.(Amended herein) A system according to claim 1 ~~any one of the preceding claims~~ in which the trigger frequency is a band of not more than about 3kHz within the range 10kHz-40kHz.
- 6.(Amended herein) A system according to claim 1 ~~any one of the preceding claims~~ in which the